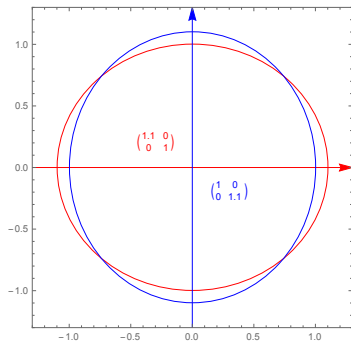


Tensor Fields - Tensor Field Lines

Procedure

follow major/minor eigenvectors along pathlines

- ambiguity for nearly isotropic cases:
small changes in components effect large changes in tensor field line orientation (see Fig.)
- therefore susceptible to noise in data
- trajectories can cross each other
⇒ effects erroneous trajectories, hard to interpret



Ambiguity